

INFORMATION DISCLOSURE
CITATION

(Use several sheets if necessary)

APPLN. NO.

10/686,529

APPLICANT

HELLINGA et al.

FILING DATE

October 16, 2003

ATTY. DKT. NO.

1579-863

GROUP

1645

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AB	6,277,627	08/2001	Hellinga			
BR						
CR						

FOREIGN PATENT DOCUMENTS

	DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	DR					
	ER					
	FR					
	GR					
	HR					
	IR					
	JR					
	KR					
	LR					
	MR					
	NR					
	OR					
	PR					

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

ll	QR	Hellinga et al. "Construction of new ligand binding sites in proteins of known structure" J. Mol. Biol. 222:763-785 (1991)
ll	RR	Looger et al. "Computational design of receptor and sensor proteins with novel functions" Nature 423:185-190 (2003)
ll	SR	Marvin et al. "The rational design of allosteric interactions in a monomeric protein and its applications to the construction of biosensors" Proc. Natl. Acad. Sci. USA 94:4366-4371 (1997)
ll	TR	Marvin et al. "Conversion of a maltose receptor into a zinc biosensor by computational design" Proc. Natl. Acad. Sci. USA 98:4955-4960 (2001)
ll	UR	Marvin et al. "Engineering biosensors by introducing fluorescent allosteric signal transducers: Construction of a novel glucose sensor" J. Am. Chem. Soc. 120:7-11 (1998)
ll	VR	Salins et al. "A novel reagentless sensing system for measuring glucose based on the galactose/glucose-binding protein" Analytical Biochem. 294:19-26 (2001)
ll	WR	Tolosa et al. "Glucose sensor for low-cost lifetime-based sensing using a genetically engineered protein" Analytical Biochem. 267:114-120 (1999)
ll	ZR	Supplementary Partial European Search Report for related Application No. 03809022 (2006)
	AAR	
	BBR	

*Examiner

Date Considered

3/1/07

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

Form PTO-FB-A820 (Also PTO-1449)